**LaTeX typesetting in Edublogs**

All expressions start and end the same way: $latex …………………. $

Exponents: base^exponent (*note : if the exponent is more than one character, use {} around it)*

Example: $latex 4^6$ 

Fractions: \frac{numerator}{denominator}

Example: $latex \frac{3}{4} \div \frac{1}{2}$ 

Square roots : \sqrt{radicand}

Example: $latex \sqrt{20}$ 

Higher roots: \sqrt[index]{radicand}

Example: $latex 2\sqrt[3]{10}$  

Other common symbols: \div \times \sin \theta

Change size: *add this at the end of the statement:* &s=number (can use -4 to 4)

Change text color: &fg=hexadecimal color code

Change background color: &bg=hexadecimal color code

<http://www.mathsisfun.com/numbers/color-wheel-interactive.html> *for hexadecimal color codes*

<http://www.codecogs.com/latex/eqneditor.php> *for code to paste into blog*

<http://www.maths.tcd.ie/~dwilkins/LaTeXPrimer/MathSymb.html> *for other math symbols*